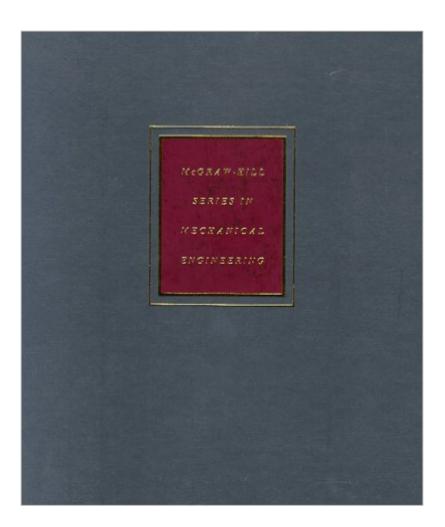
The book was found

Mechanical Engineering Design (McGraw-Hill Mechanical Engineering)





Synopsis

The text is intended for undergraduate courses in mechanical engineering design. It teaches students to apply the background they have developed in mathematics, physics, the thermal-fluid sciences, and computers to questions unique to engineering design. This edition features emphasis on reader involvement in programming; a unique arrangement of the material on gearing to provide maximum flexibility in scheduling topics; complete revisions of almost every chapter; completely new home problems, and an optional reliability method of design, both of which are used throughout the book; and additional emphasis on designing to achieve quality-control objectives.

Book Information

Series: McGraw-Hill Mechanical Engineering Hardcover: 779 pages Publisher: McGraw-Hill; 5th edition (November 1, 1988) Language: English ISBN-10: 0070568995 ISBN-13: 978-0070568990 Product Dimensions: 9.6 x 8.6 x 1.4 inches Shipping Weight: 3.3 pounds Average Customer Review: 3.9 out of 5 stars Â See all reviews (34 customer reviews) Best Sellers Rank: #747,521 in Books (See Top 100 in Books) #88 in Books > Engineering & Transportation > Engineering > Design #341 in Books > Engineering & Transportation > Engineering > Mechanical > Machinery #1105 in Books > Textbooks > Engineering > Mechanical Engineering

Customer Reviews

One of the Best Machining Reference Books you will ever have. I am 56 and have been in the engineering profession for 32 years now. When I took this course in machine design at Vanderbilt in the spring of 1981 (it was Shigley's 3rd edition textbook) it was very fast paced by lecture and all theoretical. It would have been much better had the professor showed us examples of fasteners, types of metals, pinions, bull gears, drive shafts, planetary gear systems, fatigue damage, corrosion damage, bearing types etc. but this wasn't the case. No, it was all theoretical and we had lots of problems to solve in an effort to absorb some of the theories and applications of machine design. We raced through the chapters and I am convinced the pace was too fast to really retain much. Looking back it was like running a race and not much went into the long-term memory except Dr.

Shigley laid it all out in a wonderful format. If I was teaching this course I would have a couple of tables of parts, different types of materials and examples of corrosion, spalling and fatigue that students could review at their leisure after class to get acquainted with the conditions, configurations and concepts. Using only the textbook as your guide is limiting; it is too abstract. There is a better way to understand the whole gamut of mechanical concepts and go beyond the abstract notions and theories. Seeing examples first hand reinforces the actual concepts into the mind so much better. Nothing beats getting the hands to touch, grasp and see first-hand actual examples of what is described in the machining design textbook.

Download to continue reading...

Shigley's Mechanical Engineering Design (McGraw-Hill Series in Mechanical Engineering) Mechanical Engineering Design (McGraw-Hill Mechanical Engineering) The Mechanical Design Process (Mcgraw-Hill Series in Mechanical Engineering) McGraw-Hill's National Electrical Safety Code 2017 Handbook (Mcgraw Hill's National Electrical Safety Code Handbook) McGraw-Hill's 500 ACT English and Reading Questions to Know by Test Day (Mcgraw Hill's 500 Questions to Know By Test Day) McGraw-Hill Nurses Drug Handbook, Seventh Edition (McGraw-Hill's Nurses Drug Handbook) McGraw-Hill's Conversational American English: The Illustrated Guide to Everyday Expressions of American English (McGraw-Hill ESL References) McGraw-Hill's I.V. Drug Handbook (McGraw-Hill Handbooks) Fundamentals of Mechanical Vibrations: IBM PC 3.5 Version (Mcgraw Hill Series in Mechanical Engineering) Design of Machinery with Student Resource DVD (McGraw-Hill Series in Mechanical Engineering) Fundamentals of Engineering Thermodynamics/Book and Disk (Mcgraw Hill Series in Mechanical Engineering) Experimental Methods for Engineers (McGraw-Hill Mechanical Engineering) An Introduction to the Finite Element Method (McGraw-Hill Mechanical Engineering) Interior Designer's Portable Handbook: First-Step Rules of Thumb for the Design of Interiors: First-Step Rules of Thumb for the Design of Interiors (McGraw-Hill Portable Handbook) Embedded Core Design with FPGAs (McGraw-Hill Electronic Engineering) Power Boiler Design, Inspection, and Repair: Per ASME Boiler and Pressure (McGraw-Hill Professional Engineering) Design With Operational Amplifiers And Analog Integrated Circuits (McGraw-Hill Series in Electrical and Computer Engineering) VLSI Design Techniques for Analog and Digital Circuits (McGraw-Hill Series in Electrical Engineering) Nuclear Chemical Engineering (1957) (McGraw-Hill Series in Nuclear Engineering) Code Check Plumbing & Mechanical 4th Edition: An Illustrated Guide to the Plumbing and Mechanical Codes (Code Check Plumbing & Mechanical: An Illustrated Guide)

<u>Dmca</u>